

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) An aluminum alloy plate for use as a lithographic printing plate, the aluminum alloy plate comprising, in wt%, Fe: 0.1 to 0.6 %; Si: 0.02 to 0.2 %; Cu: 0.001 to 0.02 %; Zn: 0.01 to 0.1 %; Mg: 0.005 to 0.1 %; Ti: 0.001 to 0.05 %, and the remainder aluminum and inevitable impurities, and the aluminum alloy plate comprising a plurality of AlFe intermetallic compound particles in its metal structure, and

wherein_i:

an average value of the crystal particle size is 60 μm or less in a direction perpendicular to the rolling direction_i

the included amounts of Cu, Fe, Zn, and Mg satisfy the relationship equation

$0.15 \geq \text{Zn} + \text{Mg} - (\text{Fe}/10) - \text{Cu}$; and

the composition of said AlFe intermetallic compound particles having a particle size of 0.1 μm or above, the value of C/B is 0.35 or above when C is a number of AlFe metastable phase intermetallic compound particles having a ratio of Fe/Al of 0.6 or less, and B is a total number of AlFe intermetallic compound particles.

2. (Currently Amended) The aluminum alloy plate for use as a lithographic printing plate of claim 1, ~~further comprising a plurality of intermetallic compound particles in its metal structure, and~~ wherein, a value of A/B is 0.2 or above in the case that in said AlFe intermetallic compound particles, A is a number of AlFe intermetallic compound particles having an equivalent-circle diameter of 0.1 to 1.0 μm, and B is a total number of AlFe intermetallic compound particles having a particle size of 0.1 or above.

3. (Currently Amended) The aluminum alloy plate for use as a lithographic printing plate of claim 1, ~~further comprising a plurality of intermetallic compound particles in its metal~~

~~structure, and~~ wherein, a value of $(D/E) \times 100$ is 0.20 or above in the case that in said AlFe intermetallic compound particles, D is an included amount of AlFe intermetallic compound particles having an equivalent circle diameter of 0.1 μm or above and less than 1.0 μm , and E is an included amount of AlFe intermetallic compound particles above 1.0 μm .

4-15. Canceled

16. (New) The aluminum alloy plate for use as a lithographic printing plate of claim 1, wherein the plate comprises 0.03 wt% or less of each of the impurities Mn, Y, Sn, Zr, Ga, Ni, and In.

17. (New) The aluminum alloy plate for use as a lithographic printing plate of any one of claims 1, 2, 3, 16, 18, 19, and 20, the aluminum alloy plate comprising a metastable phase dispersion layer which is formed from the surface of the aluminum plate to a depth of 2 to 50 μm , wherein the metastable phase dispersion layer comprises AlFe intermetallic compound particles.

18. (New) The aluminum alloy plate for use as a lithographic printing plate of claim 1, which is surface roughened by electrolytic treatment in an electrolytic solution for electrolytic etching treatment which is supplied by a roll and an AC current is applied to the roll.

19. (New) The aluminum alloy plate for use as a lithographic printing plate of claim 1, in which the value of C/B is less than 0.8.

20. (New) The aluminum alloy plate for use as a lithographic printing plate of claim 18, additionally comprising a photosensitive layer on the surface roughened by electrolytic treatment.

21. (New) The aluminum alloy plate for use as a lithographic printing plate of claim 17 wherein the AlFe metastable phase intermetallic compound particles have the formula Al_mFe , where $4 < m < 6$.